

ABSTRACT OF DISCLOSURE

A common-mode filter ~~comprising~~ with a drum type core 10 including a core portion 11 and quadrangular flange portions 12. Electrodes 20 are provided on the flange portions 12 of the drum type core 10 and a pair of wires 1 and 2 are wound on the core portion 11 of the drum type core 10 and having The wound pair of wires have ends connected to the respective ones of the electrodes 20 respectively, wherein: each Each of the flange portions 12 has a groove 15 between corresponding two of the electrodes 20 and a separation protrusion 16 for separating the groove 15 into two lead-out groove portions 17a and 17b. The pair of wires 1 and 2 are wound on the core portion 11 of the drum type core 10 in such a distributed winding manner that an inter-wire distance [(a)] between the pair of wires 1 and 2 and a winding pitch [(b)] between adjacent turns in each of the pair of wires 1 and 2 are provided. and The wires 1 and 2 are one-by-one led out through the lead-out groove portions 17a and 17b while separated by the separation protrusions 16 so that the ends of the pair of wires 1 and 2 are connected to the respective electrodes 20 respectively.

[selected Drawing] Fig. 1